

APPENDIX

Changes to Claims:

Claims 17-19 are added.

The following are marked-up versions of the amended claims:

9. (Amended) Recombinant DNA according to Claim 7 or ~~8~~, characterized in that it comprises the elements required to control the expression of the inserted nucleotide sequence, particularly a promoter sequence and a transcription termination sequence.

12. (Amended) Plant cell transformed with a vector according to Claim 10 or ~~11~~.

14. (Amended) Process for modifying the production of carotenoids in a plant, either by increasing the production of carotenoids, or by reducing or inhibiting the production of carotenoids by the plant, relative to the normal content of carotenoids produced by the plant, said process comprising the transformation of cells of said plants to be transformed with a vector according to Claim 10 or ~~11~~.